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Substitute for form 1449/APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		<i>Complete if Known</i>			
		Application Number	09/805,233		
		Filing Date	March 13, 2001		
		First Named Inventor	FENG		
		Group Art Unit	2844		
		Examiner Name			
Sheet	1	of	4	Attorney Docket Number	22010-164

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
AA		4,207,441	06-10-1980	Ricard et al.	
AA		4,304,235	12-08-1981	Kaufman	
AA		4,334,740	06-15-1982	Wray	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AA		WO 98/26629	06-18-1998			
AA		WO 98/56459	12-17-1998			
AA		WO 00/30404	05-25-2000			
AA		WO 01/06851	02-01-2001			
AA		WO 01/87011	11-15-2001			
AA		EP 0 802 699	10-22-1997			
AA		DE 195 41 648 C2	05-10-2000			
AA		DE 28 23 798	09-13-1979			

Examiner Signature	<i>Michael...</i>	Date Considered	03/02/04
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/805,233
Filing Date	March 13, 2001
First Named Inventor	FENG
Group Art Unit	2644
Examiner Name	
Attorney/Agent Number	22010-164

Sheet 2 of 4

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MA		5,454,838	10-03-1995	Vallana et al.	
MA		5,485,515	01-16-1996	Allen et al.	
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MA		DE 33 22 108 A1	12-20-1984			
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Mark Connor

Date
Considered

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		Group Art Unit	2644
		Examiner Name	
Sheet 3 of 4	Attorney Docket Number	22010-164	

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W		6,217,508	04-17-2001	Ball et al.	
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W		6,307,945	10-23-2001	Hall	
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W		US2002/0110255	08-15-2002	Killion et al.	
W		US2002/0141595	10-03-2002	Jouppi	

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Examiner Signature	<i>Wickliffe</i>	Date Considered	03/22/04
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		Filing Date	March 13, 2001
		First Named Inventor	FENG
		Group Art Unit	
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	22010-164	

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Examiner Initials*	Cite No.	
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AM		GRIFFITHS, Lloyd J. and JIM, Charles W., "An Alternative Approach to Linearly Constrained Adaptive Beamforming", <i>Transactions on Antennas and Propagation</i> , AP-30(1):27-34 (January 1982)
AM		HOFFMAN, M.W.; TRINE, T.D.; BUCKLEY, K.M. and VAN TASELL, D.J. "Robust adaptive microphone array processing for hearing aids: Realistic speech enhancement", <i>The Journal of the Acoustical Society of America</i> , 96(2)(1):759-770 (August 1994)
AM		KOLLMEIER, Birger; PEISSIG, Jürgen and HOHMANN, Volker, Real-time multiband dynamic compression and noise reduction for binaural hearing aids", <i>Journal of Rehabilitation Research and Development</i> , 30(1):82-94 (1993)
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AM		SOEDE, Wim; BERKHOUT, J. and BILSEN, Frans A., "Development of a directional hearing instrument based on array technology", <i>The Journal of the Acoustical Society of America</i> , 94(2)(1):785-798 (August 1993)
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Examiner Signature		Date Considered	08/03/05
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09/805233
03/13/01

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Atty. Docket No. 22010-164		Serial No. New	
Sheet 1 of 2				Applicant Albert S. Feng			
				Filing Date New		Group Art Unit Unknown	
U.S. PATENT DOCUMENTS							
*Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate
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al		5,473,701	12/05/95	Cezanne et al.	381/92		
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
Examiner <i>Mike Connor</i>				Date Considered <i>03/02/04</i>			
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INFORMATION DISCLOSURE CITATION Sheet 2 of 2		Atty. Docket No. 22010-164	Serial No. New
		Applicant Albert S. Feng	
		Filing Date NEW	Group
U.S. PATENT DOCUMENTS			
*Examiner Initial	PUBLICATION		
nu	Otis Lamont Frost, III, " <u>An Algorithm for Linearly Constrained Adaptive Array Proceeding</u> ", Proceedings of the IEEE, Vol., 60, No. 8, Stanford University, Stanford, CA, August 1997.		
nu	D. Banks, " <u>Localisation and Separation of Simultaneous Voices With Two Microphones</u> ", IEE Proceedings, Vol. 140, No. 4, August 1994.		
nu	Markus Bodden, " <u>Modeling Human Sound-Source Localization and the Cocktail-Party-Effect</u> ", Acta Acustica 1, 43-55, 1993.		
nu	T.G. Zimmerman, " <u>Personal Area Networks: Near-field intrabody communication</u> ", IBM Systems Journal, Vol. 35, Nos. 3&4, 1996.		
nu	Nathaniel A. Whitman ¹ , Janet C. Rutledge ¹ , and Jonathan Cohen, ² " <u>Reducing Correlated Noise in Digital Hearing Aids</u> ", IEEE Engineering in Medicine and Biology, September/October 1996.		
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Examiner	Date Considered		
Mark Lewis	08/02/04		
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N		5,463,694	10/31/1995	Bradley et al.	
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N		5,831,936	11/03/1998	Zlotnick et al.	
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N		6,023,514	02/08/2000	Strandberg	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	<i>Mark Conco</i>	Date Considered	03/01/04
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